



**TESTING AND MEASURING EQUIPMENT/ALLOWED SUBCONTRACTING**  
**IEC 60335-2-25, 6th Edition (2010) - A1/2014 - A2/2015**

**Household and similar electrical appliances – Safety – Part 2-25: Particular requirements for microwave ovens,  
including combination microwave ovens**

- “R” Required
- “S” May be subcontracted, see OD 2012
- “SF” Specialized Facility, see IECEE 02-2
- “W” Witness testing in the categories “MED” and “MEAS”
- “3PPS” Three Phase Power Supply required

Clause	Measurement/testing	Testing / measuring equipment / material needed	Subcontracting
3	Definitions	Cylindrical borosilicate glass vessel (1L, 3mm thick, 190mm diameter)	R
8	Protection against access to live parts	Test probe 18 of IEC 61032	R
15	Moisture resistance	Funnel with outlet diameter 8mm	R
16	Leakage current and electric strength	High frequency power supply High voltage probe	R R
18	Endurance	Door endurance tester	R
21	Mechanical strength	Steel ball (50mm, 0.5kg)	R
22	Construction	1.0kA short circuit capacity (Rated V <150V and <20A) 1.5kA short circuit capacity (Rated V >150V) Impedance (0.4 + j0.25)Ω Test rod for interlock concealment, 3mm diameter Steel armature (80mm x 50mm x 8mm) Steel rod, 1mm diameter Vibration test apparatus Test punch	R R R R R R R S
32	Radiation toxicity and similar hazards	Survey meter Borosilicate glass vessel 85mm in diameter	R R



Clause	Measurement/testing	Testing / measuring equipment / material needed	Subcontracting
<i>Annex BB</i>	<i>Microwave ovens intended to be used on boarded ships</i>	<i>Half-sine pulse testing machine(IEC 60068-2-27)</i> <i>Vibration test apparatus(IEC 60068-2-6)</i> <i>Salt mist test Kb apparatus(IEC 60068-2-52)</i>	S S S